

# Informal Type Examiners' Amendment

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Filing Date: September 30, 2003

PATENT  
Docket No. CX03007USU (03CXT0005D)

15. The method of claim 12, including:

forming an at least one tuning element upon the substrate that shifts the tuning band associated with the VCO structure; and

forming an at least one switch that results in the tuning element being electrically in parallel with at least one of the at least two inductors.

16. The method of claim 15, where the forming an at least one tuning element is forming a capacitor.

17. The method of claim 15, including:

forming an at least one capacitor upon the substrate; and

forming another switch that switches in the at least one capacitor in parallel with the at least one inductor of the at least two inductors.

18 ~~20~~. A VCO method, comprising:

determining that a frequency band shift is needed;

switching an inductor in parallel with another inductor where the inductor and other inductor form a common area on a semiconductor that contains an electrical component.

19 ~~21~~. The VCO method of claim <sup>A</sup>20, further includes:

switching a capacitor in parallel with a varactor when the inductor is not switched in parallel with the other inductor.

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22. The method of claim <sup>19</sup>~~21~~, where the capacitor is located in the common area.

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23. The method of claim <sup>19</sup>~~21~~, where the varactor is located in the common area.